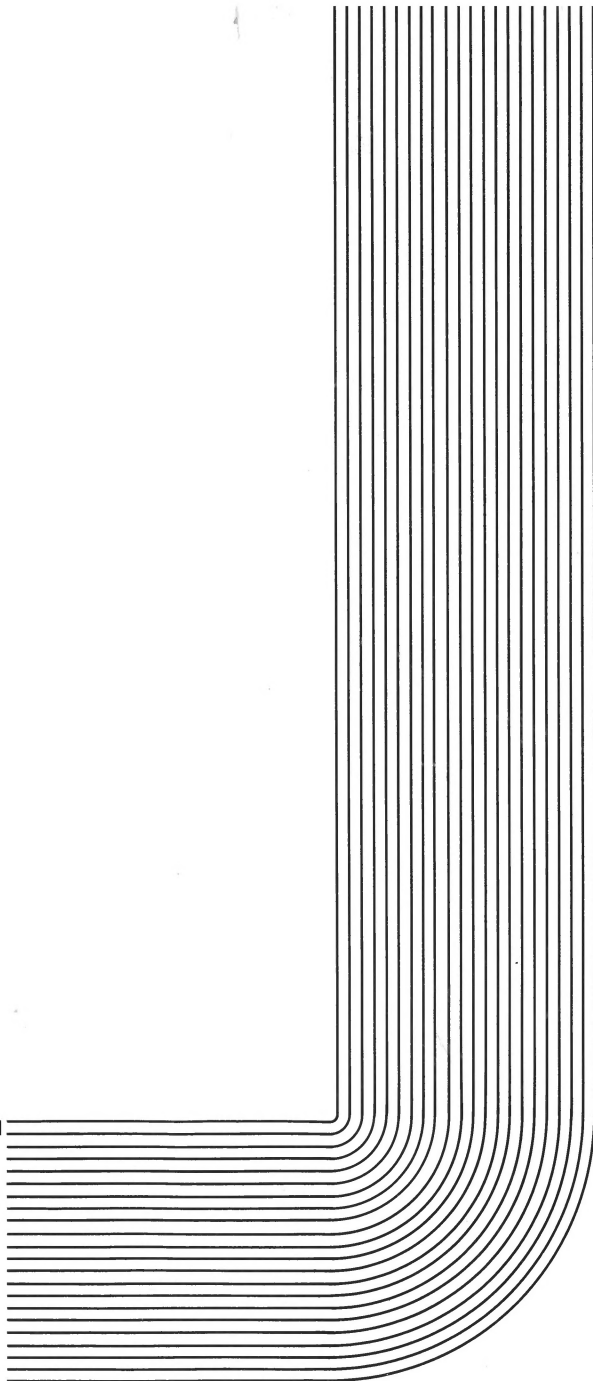


brother®



Printed in Japan 593960001 (A)

ELECTRONIC
SPELLING
DICTIONARY

USER'S GUIDE

“word-spell”™

brother®

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FCC NOTICE

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna
- Relocate the computer with respect to the receiver
- Move the computer away from the receiver
- Plug the computer into a different outlet so that computer and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

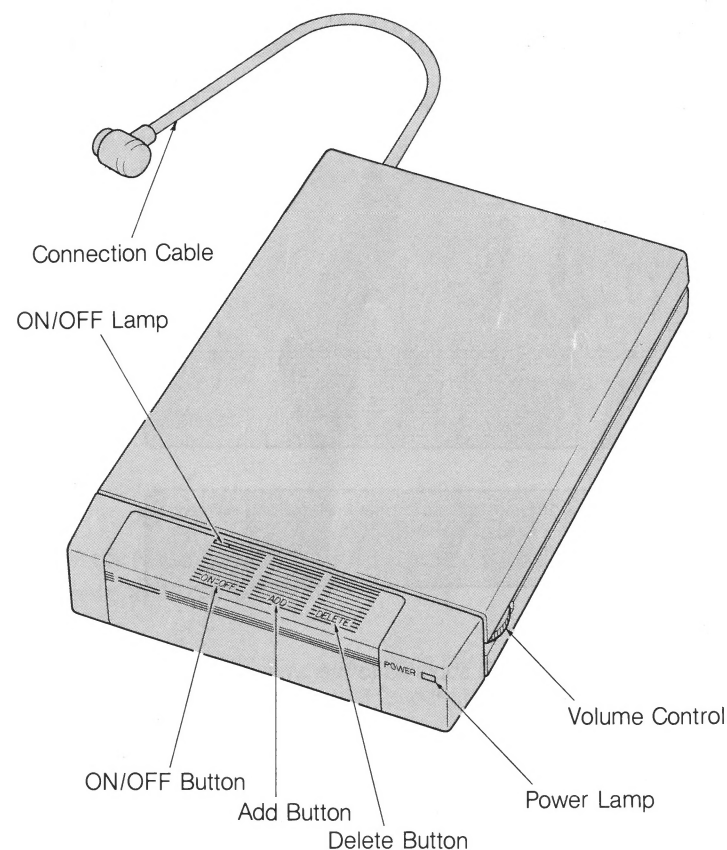
"How to Identify and Resolve Radio-TV Interference Problems". This booklet is available from the US Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

1. INTRODUCTION AND DESCRIPTION

The Brother "word-spell" is an electronic dictionary. Typed words are transmitted from the electronic typewriter and referred to the "word-spell"'s internal dictionary, which checks whether they are correctly spelled or not. If the word is misspelled or not in the dictionary, a "beep" sounds. The volume of the beeper may be adjusted.

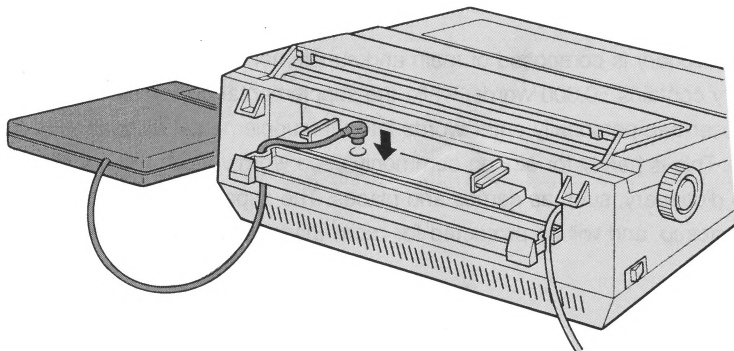
The dictionary is composed of main and supplemental dictionaries. The main dictionary contains 50,000 words, while the supplemental dictionary can hold 300 words. The user can personally enter words into the supplemental dictionary, and also delete them. This is handy for storing commonly used words which will not be found in the main dictionary, such as names and places. The supplemental dictionary has a battery backup, and will be protected for more than five years in the event of a power failure.

PART NAMES



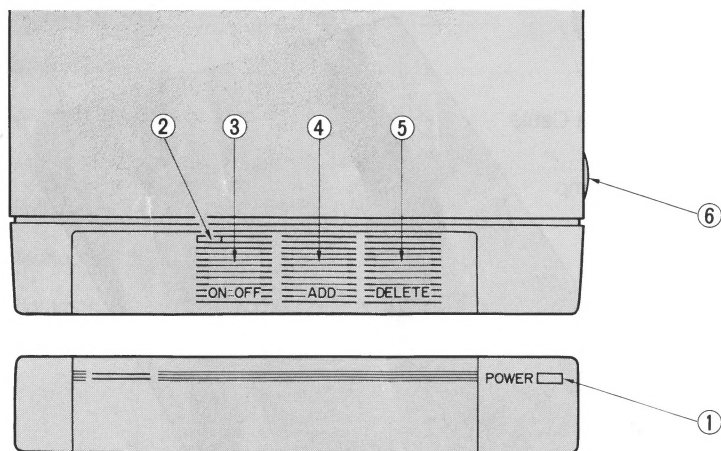
2. CONNECTIONS

Be sure to turn the power supply of the typewriter off before connecting the "word-spell" cable to the typewriter. The power should also be off when the cable is removed. If the power is on, you may damage the "word-spell".



3. USING THE "word-spell"

3.1 THE CONTROLS AND THEIR FUNCTIONS



1. POWER LAMP (Red)

This LED is on when power is supplied to the typewriter.

2. ON/OFF LAMP (Green)

This LED is on when the "word-spell" is operating.

3. ON/OFF Button

Turns power to the "word-spell" on and off.

4. ADD Button

By pressing this button, the word checked immediately before is entered in the supplemental dictionary.

5. DELETE Button

By pressing this button, the word checked immediately before is deleted from the supplemental dictionary.

6. VOLUME CONTROL

This control regulates the beeper volume.

3.2 OPERATING METHODS

(i) Starting and Stopping the "word-spell"

To use the "word-spell", simply press the "word-spell" ON/OFF button. When the ON/OFF lamp lights, the "word-spell" is activated.

To stop operations, press the ON/OFF button while the ON/OFF lamp is lit. The lamp will go out and the "word-spell" will be deactivated.

(ii) Operation

Whenever you type with the "word-spell" on, pressing the space bar at the end of a word refers that word to the dictionary (both the main and supplemental dictionaries, and if it is not correct, the beeper sounds).

Note the following points:

1. A 60-character correction buffer is included. This means that you can go back and re-check words up to 60 characters back.
2. Any of the following keys in addition to the space bar will activate the "word-spell": tab, back tab, return, superscript, subscript, paper insert, relocation, numeral, and symbol. If any one of these keys is pressed at the break between words, the previous word will be checked by the "word-spell". However, words before that will not be memorized in the correction buffer.
3. No distinction is made between capitals and lower case letters.

4. A word can be up to 30 letters in length. If a word beyond that length is used, the beeper will sound.

5. The following keys will not be recognized as the end of a word:

single hyphen
single apostrophe
backspace
correction
carrier return immediately after a hyphen

6. When the repeat or express backspace keys have been pressed, it is not possible for the word input immediately before to be checked.

(iii) Special Key Processes

1. Hyphens

There are two methods of using hyphenation. One is when a hyphen is used to join a compound word and the other is when in the auto carrier return mode. The “word-spell” cannot distinguish between these two methods, so it checks the word in two ways as follows.

Example

“thank you for your pur- (autoreturn with hyphen)
chase of our product”

Method 1: The two syllables separated by the hyphen will both be checked against the dictionary—“pur” and “chase”.

Method 2: The word will be checked against the dictionary as if there were no hyphen—“purchase”.

If the word is acceptable by either method, the beeper will not sound.

If not, the beeper will sound.

* Words with three or more syllables connected by hyphens will be checked as if there were no hyphens.

* If two consecutive hyphens are input, this will be treated as a word break and will be checked as such.

2. Apostrophes

The apostrophe is used to indicate possession or a contraction; normally the apostrophe will be treated as a letter and the word checked as such.

However, where an apostrophe is followed by the letter “s” only, it will act as the indication of a word break, and the word immediately before will be checked. That is to say, words such as “isn’t” or “can’t” will be checked, but with a word such as “cat’s”, only the element “cat” will be looked up. Note that if “’s” is used incorrectly with a word, for example, “go’s”, it will be checked as correct because the element “go” is a correct word.

Also, words with apostrophes do not need to be entered fully into the supplemental dictionary if the apostrophe is followed by an “s” at the end of the word. Other words with apostrophes must, however, be fully entered.

3. Backspace and Correction

The words in the correction buffer, which holds 60 characters, can be re-checked. Words outside the buffer—or to put it another way, words more than 60 characters back—cannot be re-checked.

If after moving back with the backspace or correction key to make a correction, you then use the relocation key to return to your original position, a check of the intervening words is carried out. If a word is found which is not in the dictionary, the beeper will sound, and the following words will not be checked.

In TYPE mode, as distinct from AUTO and JUST mode, if you try to move left from the left margin using the backspace or correction keys, causing the typewriter alarm to beep, the correction buffer will be completely cleared. For this reason, the words printed immediately before can not be checked.

If you have moved back with the backspace or correction key, checking is carried out from the beginning of the word where the carrier is positioned.

Letters which have been input when it is not possible to input to the typewriter (when the typewriter alarm has sounded) will not be correctly checked. For example, a letter which has been typed on the right margin will be checked by “word-spell”, although this letter cannot be printed. So the printed word will not be accurately checked.

If you have moved back for a correction when printing in PS mode or display mode (JUST, STORE, etc.), the “word-spell” will check only new words typed in and not the other contents of the correction buffer.

4. MAKING YOUR OWN DICTIONARY

4.1 Entering Words

If after checking a correct word the beeper sounds, it means that the word is not in the "word-spell"'s main dictionary. If you wish, that word can be entered in the supplemental dictionary.

If the beeper has sounded after a spellcheck, and you decide you want to add that word to your dictionary in the "word-spell", simply press the ADD button. That word will then be entered in the supplemental dictionary, and the beeper will not sound whenever it is checked in the future.

* About 300 words of an average length of 7 letters, can be entered in the supplemental dictionary. The number will vary according to the length of the words.

If you enter more than 300 words, each new word will be entered, but the oldest word will be deleted. Note that when a word is checked, it becomes the newest word.

If you enter a word with an "'s", the "word-spell" will automatically enter only that part of the word before the apostrophe.

Hyphenated words cannot be added to the supplemental dictionary; add the two elements separately as two words, or add the whole compound as one word.

4.2 Deleting Words

You can delete a word from the supplemental dictionary by typing the word and pressing the DELETE button. When the word has been deleted, the beeper will sound.

4.3 Battery Backup

A lithium cell is provided to ensure that if power is cut off, the supplemental dictionary will be retained in the "word-spell"'s memory for more than five years.

4.4 Adjusting the Beeper Volume

When the "word-spell" is off (the ON/OFF light is out) holding down the ADD and DELETE buttons together will cause the beeper to sound continuously. The beeper volume can then be adjusted by turning the volume control.

4.5 Printing the Contents of the Supplemental Dictionary

You can use your typewriter to print out all of the words entered in the "word-spell" supplemental dictionary.

Before printing out the dictionary, the following preparations are necessary:

- (1) Place paper in the typewriter.
- (2) Set the right margin to 60 characters or more (Pica pitch).
- (3) Press the ON/OFF button to activate the "word-spell".
(The ON/OFF lamp will light.)

You can now print out the dictionary as follows:

- (1) While holding down the ON/OFF button, press the ADD button. The typewriter carrier will move to the left margin and the typewriter will begin printing out the supplemental dictionary word by word.
- (2) Printing can be temporarily halted by pressing the ADD button. Printing will resume if the ADD button is pressed once more. (However, the typewriter will only stop after the words in the typewriter buffer have finished printing.) During this interruption, the "word-spell" may be used.
- (3) To stop print-out and return to normal "word-spell" mode, press the DELETE button.
- (4) After all the words have been printed, the beeper will sound. (It will also sound if you try to print out the supplemental dictionary when no words are in it.)
- (5) At the conclusion of print-out, the typewriter carrier will return to the left margin and the "word-spell" will return to the initial ON status.

4.6 Printing the Number of Words Entered

You can also obtain a readout of the number of words currently contained in the supplemental dictionary according to the following procedure:

- (1) While holding down the ON/OFF button, press the DELETE button. The carrier will move to the left margin.
- (2) The number of words in the supplemental dictionary is printed, and the carrier returns to the left margin.
- (3) The "word-spell" returns to its original ON status.

5. TROUBLESHOOTING

1. The beeper sounds intermittently three times:

This will occur when the "word-spell" is first turned on and does not indicate trouble. However, if this sound occurs during normal operation and you are experiencing difficulties, proceed as follows:

- Turn the power off.
 - Wait for a few seconds.
 - Turn the power ON again.
- * In this case, words memorized in the supplemental dictionary will all be deleted.

2. Even though a word is printed correctly, the beeper sounds.

If you press a key and the typewriter alarm sounds, it is then impossible to input data. Also, if you move back 60 or more characters to correct or print, sometimes the printed letter will not match the character sent to the "word-spell", and the beeper will sound.

In cases other than these, enter the word into the supplemental dictionary.

3. The beeper does not sound even though printing is incorrect.

Contractions or abbreviations (nd, rd, th, and so on) are regarded as correct by the "word-spell".

Roman numerals (II, IV, IX) are also regarded as correct.

It is impossible to check the previous entered words:

- When the space bar, backspace key or correction key is held down and repeated.
- When the back tab or express backspace key is depressed.
- When the repeat key is depressed after any key.

Check to see if the word is in the supplemental dictionary; if so, delete it.

4. Any other problems.

- Turn the power off.
- Wait for a few seconds.
- Turn the power on again.

If the problem still persists, contact the shop where you bought the "word-spell", as it needs repairing.

6. SPECIFICATIONS

Applicable typewriters

CORRECTRONIC 50, CORRECTRONIC 50XL
COMPACTRONIC II, COMPACTRONIC III
COMPACTRONIC 60, EXECUTRON 65
EXECUTRON 70

Control panel

Power lamp
ON/OFF switch and ON/OFF indication
lamp

Main dictionary capacity

ADD switch, DELETE switch and Volume

Supplemental dictionary capacity

50,000 words

Operating temperature

300 words

Operating humidity

+ 5°C to + 40°C

Dimensions (W × H × D)

20% to 80%

Weight

5-3/18" × 1-4/18" × 8" (131.6 × 31 × 203 mm)

0.8 lbs (360 g)